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TRANSMITTAL LETTER
INFORMATION DISCLOSURE STATEMENT

Applicant : Bergquist, et al.
App. No : 10/530,314
Filed : April 4, 2005
For : RANDOM DRIFT MUTAGENESIS
Examiner : Unassigned
Art Unit : 1642

CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

May 24, 2006

(Date)


Suzanne G. Jepson, Reg. No. 51,848

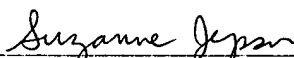
Mail Stop Amendment

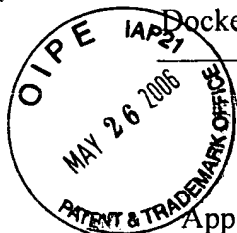
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement and PTO/SB/08 equivalent listing references for consideration:
- (X) Listing five (5) references.
 - (X) Enclosing five (5) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.


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Suzanne G. Jepson
Suzanne G. Jepson, Reg. No. 51,848

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application is a PTO/SB/08 Equivalent listing five (5) references to be considered by the Examiner. Also enclosed are five (5) foreign patent references and/or non-patent literature as listed on the Information Disclosure Statement.

This Information Disclosure Statement is being filed before the mailing date of a final action and before the mailing date of a Notice of Allowance.

CERTIFICATION UNDER 37 C.F.R. § 1.97(e)(1)

I hereby certify that each item of information contained in this Statement was first cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

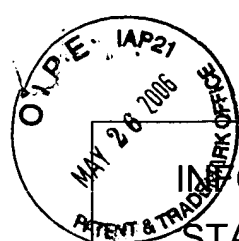
Thus, no fee is required as set forth in 37 C.F.R. § 1.97(c).

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: May 24, 2006

By: *Suzanne G. Jepson*
Suzanne G. Jepson
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Multiple sheets used when necessary) SHEET 1 OF 1	Application No.	10/530,314
	Filing Date	April 4, 2005
	First Named Inventor	Peter Leonard Bergquist
	Art Unit	1642
	Examiner	Unassigned
	Attorney Docket No.	ALAR4.001APC

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
	1	Bergquist, et al. 2005. Degenerate oligonucleotide gene shuffling (DOGS) and random drift mutagenesis (RNDM): Two complementary techniques for enzyme evolution. <i>Biomolecular Engineering</i> , 22:63-72.	
	2	Bornscheuer, U. T. 2001. Directed evolution of enzymes for biocatalytic applications. <i>Biocatalysis and Biotransformation</i> , 19:85-97.	
	3	Chirumamilla, et al. 2001. Improving the quality of industrially important enzymes by directed evolution. <i>Molecular and Cellular Biochemistry</i> , 224:159-168.	
	4	Matsumura, et al. 2001. <i>In vitro</i> evolution of beta-glucuronidase into a beta-galactosidase proceeds through non-specific intermediates. <i>J. Mol. Biol.</i> , 305:331-339.	
	5	Supplementary European Search Report from EP 03 74 7711 dated March 16, 2006.	

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Examiner Signature	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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